TOSHIBA

Leading Innovation

STORAGE PRODUCTS DIVISION

MQ01ABFxxxH

2.5-INCH SOLID STATE HYBRID DRIVE

KEY ADVANTAGES

- SSD-like Performance and Responsiveness
- 7.0 mm Height
- Up to 500 GB Storage Capacity
- 8 GB NAND Flash
- Faster System Boot Time
- Quicker Access to user Applications
- Improved Self-learning user Profile Algorithms
- Very Silent Operation
- Eco-friendly Halogen-free Design

APPLICATIONS

- High End Ultrahin Notebooks
- Small All-in-one PCs

SPECIFICATIONS

	MQ01ABF032H	MQ01ABF050H
Series Overview:		
Storage Capacity, Formatted *	320GB	500 GB
Number of Platters	1	
NAND Flash Size *	8GB	
Rotational Speed	5,400 rpm	
Max. Areal Density	553.6 Gb/in²	744.1 Gb/in²
Seek Time:		
Average seek time	12ms	
Interface:		
Type	Serial ATA 3.0	
Data Transfer Rate to Host:	6 Gb/s	
Buffer *	32 MB	
Physical Specification - Dimensions:		
Width x Depth x Height	69.85 x 100 x 7.0 mm	
Weight typ	92 g (max.)	
Enviromental:		
Shock Operating	3,920m/s2 (400G); (2ms half sine)	
Shock Non-operating	8,820m/s2 (900G); (1ms half sine)	
Acoustics (ave.) (Idle/Seek)	19/21 dB	
ROHS Compilant	Yes	

*One gigabyte (GB) = one billion bytes, accessible capacity may be less and actual capacity depends on the operating environment and formatting.

INVENTOR OF FLASH MEMORY